

# 3 DECADES OF PROFITABILITY

TATA SFC 407



# TATA SFC 407 SPECIFICATIONS

## ENGINE

### Model

TATA 497 SP

### Type

Water-cooled Direct Injection Diesel

### Engine

No. of Cylinders 4 Inline

### Bore / Stroke

97 mm x 100 mm

### Capacity

2956 cc

### Max. Engine Output

55.2 kW (~75PS) @ 2800 rpm

### Max. Torque

225 Nm @ 1500-2000 rpm

## CLUTCH

### Type

Single Plate Dry Friction Type

Outside Diameter of Clutch Lining

240 mm (Reinforced)

## GEARBOX

### Model

Gbs-18 Synchromesh

### No. of Gears

5 Forward, Reverse

## FRONT AXLE

Heavy Duty Forged I Beam Reverse

Elliot Type

## REAR AXLE

Single Reduction, Hypoid Gears,

Fully Floating Axle Shafts

## STEERING

Power Steering

## FRAME

Ladder Type Frame with Riveted / Bolted Cross Members

Side Members are of Channel Section

## SUSPENSION

### Type

Semi-elliptical Leaf Spring at Front & Rear

### Shock Absorbers

Hydraulic Double Acting Telescopic Type at Front and Rear

## BRAKES

### Service Brakes

Vacuum-assisted Dual Circuit Hydraulic with Tandem Master Cylinder

### Parking Brake

Hand-operated

### Engine Exhaust Brake

Coupled with Service Brakes (Optional)

## WHEELS & TYRES

### Tyres

7.50x16-16 Pr-Rib Type Diagonal

### Ply

7.50x16-6 Pr-Lug Type (Optional)

### Wheel Rims

6.00 G x 16 Sdc

### No. of Wheels

Front - 2, Rear - 2, Spare - 1

## ELECTRICAL SYSTEM

### System Voltage

12 Volts

### Alternator Capacity

35 Amps

### Battery

12 V, 70 AH Capacity

### Windscreen Wiper

Electrically-operated

## FUEL TANK

### Capacity

60 Litres

## CABIN

All Steel Semi-forward Control

## CHASSIS DIMENSION

### Wheel Base (mm)

3100

### Overall Length (mm)

5050

### Max. Width (mm)

1980

### Overall Height (Unladen)

2270 (Cab)

### Front Overhang

745

## WEIGHTS (KG)

### Max. Permissible Faw

2140

### Max. Permissible Raw

3160

### Max. Permissible GVW

5300

## PERFORMANCE

### Max. Gradeability

22.5%

### Max. Geared Speed in Top Gear (with Standard Rear Axle)

105 kmph

### Minimum Turning Circle Dia.

12 m